

Interview Summary	Application No. 10/688,301	Applicant(s) ERICKSON ET AL.	
	Examiner Ruth C. Rodriguez	Art Unit 3677	

All participants (applicant, applicant's representative, PTO personnel):

(1) Ruth C. Rodriguez, PTO. (3) _____

(2) James W. Babineau, Applicant's representative. (4) _____

Date of Interview: _____

Type: a) ☐ Telephonic b) ☐ Video Conference
c) ☒ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: _____

Claim(s) discussed: 1 and 31.


Identification of prior art discussed: Kennedy.

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

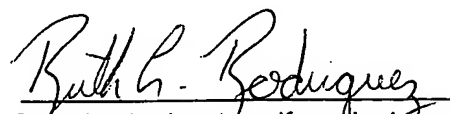
Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.


ROBERT J. SANDY
PRIMARY EXAMINER

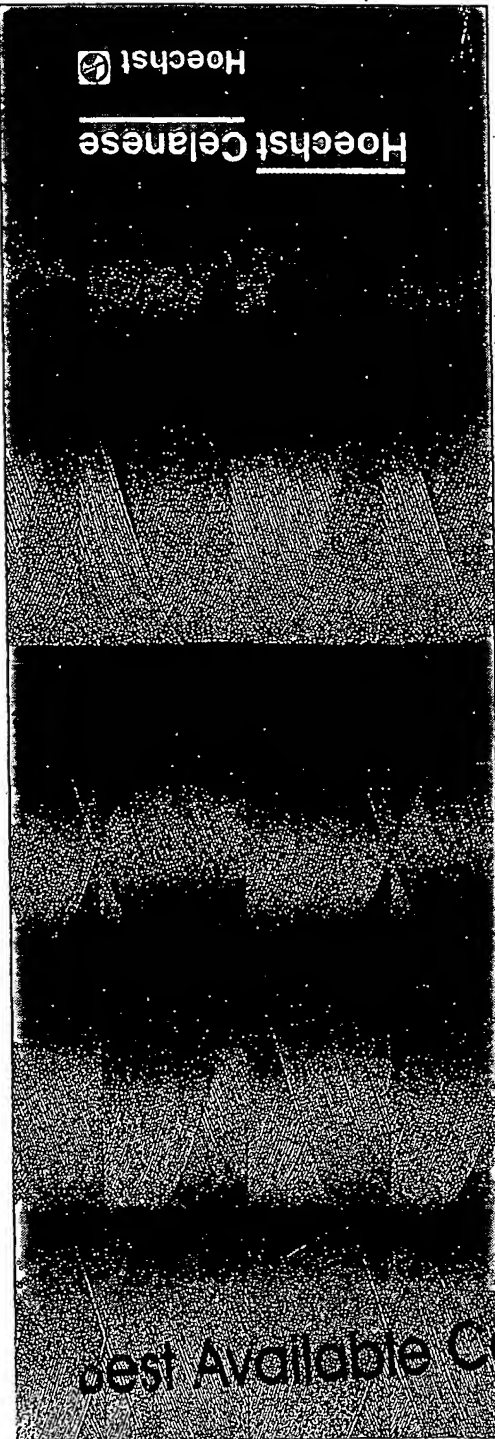
Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Mr. Babineau started the interview by explaining the meaning of "float sections" for the reinforcing fabric. The Dictionary of Fiber and Textile Technology was used to define the term float. Based on this definition that is widely known in the knitting art, the Examiner examined the claims and indicated that it will be helpful to define in the claim that both ends of the floating section needed to be connected to the resin base in order to distinguish it from Figure 5 of Keneddy and Figure 8 of Kennedy will not read on the claims because the claim already specifies that the float section need to lie against the back of the resin base. The Examiner did not indicated allowability of the claims because further search will be required.

Dictionary Of Fiber & Textile Technology

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FLAT KNITTING: See KNITTING.

FLAT-KNITTING MACHINE: A weft-knitting machine with needles arranged in a straight line in a flat plate called the bed. The yarn travels alternately back and forth, and the fabric may be shaped or varied in width, as desired, during the knitting process. Lengthwise edges are selvages. Flat-knitting machines may be divided into two types: latch-needle machines for sweaters, scarves, and similar articles and fine spring-needle machines for full-fashioned hosiery.

FLATSPOTTING: A characteristic of certain tire cords. It occurs with all materials but is more noticeable with nylon cord and is associated with nylon cords by users. Nylon exerts a shrinkage force as it becomes heated in tire operation. When the tire is stopped under load, the cord in the road-contact portion of the tire is under less tension than that in other portions of the tire, and it shrinks to conform to the flat surface of the road. When cooled in this position, the cord maintains the flat spot until it again reaches its glass transition temperature in use.

FLAT-TOP CARD: See FLAT CARD.

FLAX: The plant from which the cellulosic fiber linen is obtained.

FLEECE FABRIC: A fabric with a thick, heavy surface resembling sheep's wool. It may be a pile or napped fabric of either woven or knit construction.

FLEX ABRASION TESTER: See STOLL-QUARTERMASTER UNIVERSAL WEAR TESTER.

FLEXIBILITY: 1. The ability to be flexed or bowed repeatedly without rupturing. 2. A term relating to the hand of fabric, referring to ease of bending and ranging from pliable (high) to stiff (low).

FLEXURAL FATIGUE: A physical property expressed by the number of times a material can be bent on itself through a prescribed angle before it ruptures or loses its ability to recover.

FLEXURAL RIGIDITY: This measure of a material's resistance to bending is calculated by multiplying the material's weight per unit area by the cube of its bending length.

FLOAT: 1. The portion of a warp or filling yarn that extends over two or more adjacent filling picks or warp ends in weaving for the purpose of forming certain designs. 2. In a knit fabric, a portion of yarn that extends for some length without being knitted in. 3. A fabric defect consisting of an end lying or floating on the cloth surface instead of being woven in properly. Floats are usually caused by slubs, knot-tails, knots, or fly waste, or sometimes by ends being drawn in heddle eyes incorrectly or being twisted around heddle wires.

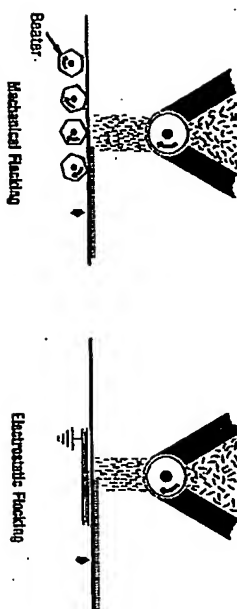
FLOATING ENDS: See FLOAT, 3.

FLOAT STITCH: See MISS-STITCH.

FLOCCULATING: Coagulating or coalescing a material into a small, loosely aggregated mass.

FLOCK: The material obtained by reducing textile fibers to fragments by cutting or grinding. There are two main types: precision cut flock, where all fiber lengths are approximately equal, and random cut flock, where the fibers are ground or chopped to produce a broad range of lengths.

FLOCKING: A method of cloth ornamentation in which adhesive is printed or coated on a fabric, and finely chopped fibers are applied all over by means of dusting, air-blasting, or electrostatic attraction. In flock printing, the fibers adhere only to the printed areas and are removed from the unprinted areas by mechanical action.



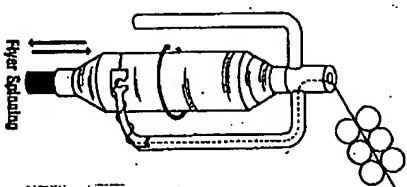
FLUFFING: A term describing the appearance of a carpet after loose fiber fragments left during manufacture have worked their way to the surface. Fluffing is not a defect; it is simply a characteristic of new carpets that disappears with vacuuming.

FLUORESCENCE: Emission of electromagnetic radiation, usually as visible light, that is caused by the flow of energy into the emitting body. The emission ceases abruptly when the excitation ceases.

FLY: The short, waste fibers that are released into the air in textile processing operations such as picking, carding, spinning, and weaving.

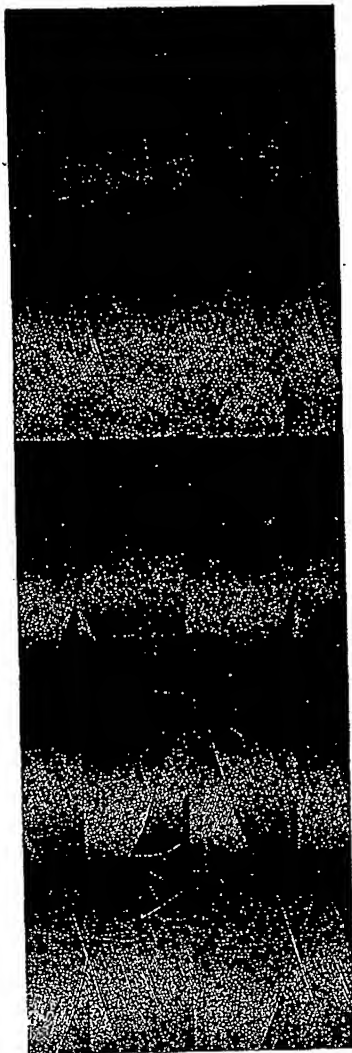
FLYER: 1. A device used to insert twist into slubbing, roving, or yarn, and to serve as a guide for winding it onto bobbins. The flyer is shaped like an inverted U that fits in the top of the spindle and revolves with it. One arm of the U is solid and the other is hollow. The yarn enters through the top of the hollow arm, travels downward, and emerges at the bottom where it is wound around a presser finger onto the take-up package. 2. See LOOM FLY.

FLYER SPINNING: A method of spinning by means of a driven flyer. It is used primarily for spinning worsted and coarser yarns. (Also see FLYER, 1.)



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- ▶ Up-to-date illustrated dictionary of fiber and textile technology
- ▶ Over 2000 entries
- ▶ Coverage of advanced materials — composites, aerospace textiles, geo-textiles, new fiber-forming polymers
- ▶ Describes new spinning systems and other textile machinery
- ▶ SI metric and tex system conversions
- ▶ Abbreviations and symbols
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